

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-019779**Date Inspected:** 20-Jan-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** ABF Ji Cai Feng**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector, Mike Hasler was present during the times noted above for observations and testing relative to the work being performed.

Bay 14 (west line)

This QA inspector performed a random observation for the Orthotropic Bridge Girders (OBG) located at ZPMC Shanghai China. During the observation performed it was noted that at Bay 14, ZPMC was in process of welding on segment 13BW. ZPMC QC inspector Li Ping was present at this time of this observation and informed this QA inspector of the work that is in process, and identified ABF inspector Ji Cai Feng as the CWI. It was stated that ZPMC had 2 welders and identified the welders by ZPMC welder identification number appointed to then by ZPMC. This QA inspector verified this information for the following location;

Weld-dP3133-001-019

WPS-B-T-2231-TC-U4b-FCM-1

Welder-067611

3G/SMAW/ CJP

Weld-dP3133-001-020

WPS-B-T-2231-TC-U4b-FCM-1

Welder-037780

3G/SMAW/ CJP

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## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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The following digital picture illustrates welder #067611 welding in the 3G position.



### Summary of Conversations:

“As noted within the contents of this report.”

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Hasler,Mike	Quality Assurance Inspector
<b>Reviewed By:</b>	Riley,Ken	QA Reviewer

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